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1. The Academy Institute for Oscillation Research (Heinrich Hertz Institut für Schwingungsforschung) in Berlin-Adlershof completed work on a transmitter for ionospheric research at the end of May 1952. The new transmitter is to replace one which functioned poorly.
2. The new ionosphere transmitter works with an impulse output of 10 kilowatts in a range of from two to 6 MHz (Meg Hertz).
3. The Institute has filed an application to transmit, using the new apparatus, with (fnu) Nikitin, Russian Research and University Officer at Karlsbrst. The application was presented sometime in April 1952 but has not yet been answered. In the meantime, a few transmissions have been made without proper authorization. This was denounced by German officials. (fnu) Gradetski of the DDR Postal Service Funkamt made an investigation and threatened to have the persons responsible for the transmissions jailed. Gradetski was, however, unable to clarify the matter because he was so untrained as to be unable to tell the difference between a sending and a receiving set.
4. Following receipt of official approval for use of the transmitter, the Institute plans to conduct ionosphere research. The sender will also be used to provide regular advice to the DDR Postal Service on matters of frequencies for telecommunications. In the past, this advice has been furnished by the Institute on the basis of average values compiled from known publications in the field.

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